

**COMBINED DECLARATION AND POWER OF ATTORNEY IN  
ORIGINAL APPLICATION**

**ATTORNEY DOCKET NO.  
EH-10177**

I declare: that my residence and citizenship are as stated below next to my name; that I believe I am the original, first, and sole inventor (if only I am named below) or joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought in the specification attached hereto entitled:

**METHOD AND APPARATUS FOR USE WITH AN ELECTRON GUN  
EMPLOYING A THERMIONIC SOURCE OF ELECTRONS**

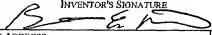
that I have reviewed and understand the contents of the above-identified specification, including the claims; that I acknowledge the duty to disclose the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56; that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

I appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

MARK STEINBERG (Registration No. 40,829)  
JOHN SWIATOCHA (Registration No. 27,955)  
CHARLES E. SOHL (Registration No. 27,051)  
GENE D. FLEISCHHAUER (Registration No. 27,989)

Direct All Correspondence to:

MARK STEINBERG (Telephone: 860-565-1422)  
Pratt & Whitney  
Patent Department - MS 132-13  
400 Main Street  
East Hartford, CT 06108

FULL NAME OF SOLE OR FIRST INVENTOR		INVENTOR'S SIGNATURE		DATE	
Brian E. Mensinger				12-10-98	
RESIDENCE AND POST OFFICE ADDRESS				CITIZENSHIP	
18 Gibson Lane, Middletown, CT 06457				U.S.A.	
FULL NAME OF SECOND JOINT INVENTOR (IF ANY)		INVENTOR'S SIGNATURE		DATE	
RESIDENCE AND POST OFFICE ADDRESS				CITIZENSHIP	
FULL NAME OF THIRD JOINT INVENTOR (IF ANY)		INVENTOR'S SIGNATURE		DATE	
RESIDENCE AND POST OFFICE ADDRESS				CITIZENSHIP	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of  
Brian E. Mensinger  
Serial No.: not yet assigned  
Filed: December 11, 1998



Date: December 11, 2000  
Docket No.: EH-10177A  
Examiner: not yet assigned  
Art Unit: not yet assigned

Title: METHOD AND APPARATUS FOR USE WITH  
AN ELECTRON GUN EMPLOYING A  
THERMIONIC SOURCE OF ELECTRONS

Commissioner for Patents  
Washington, D.C. 20231

Sir:

POWER OF ATTORNEY

I am an Attorney of record in the prior case and hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

F. Tyler Morrison (36,220)  
George Romanik (34,711)  
Kenneth C. Baran (36,682)

Respectfully submitted,

By   
John Swiatocha  
Registration No. 27,955

Pratt & Whitney  
Patent Department  
Mail Stop 132-13  
400 Main Street  
East Hartford, CT 06108  
Tel: (860) 565-5106

"Express Mail" mailing label number  
E104029873745  
Date of Deposit December 11, 2000  
I hereby certify that this paper or fee  
is being deposited with the United States  
Postal Service "Express Mail Post Office  
to Addressee" service under 37 CFR 1.10  
on the date indicated above and is addressed  
to the Commissioner of Patents and Trade-  
marks, Washington, DC 20231.  
Anna Sardinas  
Anna Sardinas-Kas